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NEWS EXPRESS			JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
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=> s (oils or fats or lecithin# or fatty acid?)
 7 FILES SEARCHED...

L1 1625053 (OILS OR FATS OR LECITHIN# OR FATTY ACID?)

=> s L1 and (coconut or (palm nut) or palm or soya or sunflower or rape or (rape seed) or borage or primrose or echiuma or trichodesma) (w)oil#
 5 FILES SEARCHED...

L2 79503 L1 AND (COCONUT OR (PALM NUT) OR PALM OR SOYA OR SUNFLOWER OR
 RAPE OR (RAPE SEED) OR BORAGE OR PRIMROSE OR ECHIUMA OR TRICHODE
 SMA) (W) OIL#

=> s l2 and (gamma linolenic)
 L3 2509 L2 AND (GAMMA LINOLENIC)

=> s l3 and steridonic
 L4 0 L3 AND STERIDONIC

=> s l3 and stearidonic
 L5 185 L3 AND STEARIDONIC

=> s l5 and eicosapentanoic
 L6 9 L5 AND EICOSAPENTANOIC

=> sl6 and arachadonic
 SL6 IS NOT A RECOGNIZED COMMAND
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 . IS NOT A RECOGNIZED COMMAND
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=> s 16 and arachidonic

L7 8 L6 AND ARACHIDONIC

=> d 17 1-8 ibib abs

L7 ANSWER 1 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2004:326826 USPATFULL

TITLE: Means for improving the appearance of mammalian
keratinous tissue

INVENTOR(S): Trejo, Amy Violet, Mason, OH, UNITED STATES
Kacher, Mark Leslie, Mason, OH, UNITED STATES
Daher, George C., East Windsor, NJ, UNITED STATES
Oppenheimer, Catherine Lowman, Kobe, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004258645	A1	20041223
APPLICATION INFO.:	US 2004-769280	A1	20040130 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-444140P	20030131 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1232	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A personal care kit comprising separate containers packaged together in
a unitary form comprising a product suitable for oral consumption and a
topical personal care product and a method of improving the condition of
skin and/or hair by following a regimen utilizing the kit of the present
invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 2 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2003:271130 USPATFULL

TITLE: Desaturase genes and uses thereof

INVENTOR(S): Mukerji, Pradip, Gahanna, OH, UNITED STATES
Huang, Yung-Sheng, Columbus, OH, UNITED STATES
Das, Tapas, Worthington, OH, UNITED STATES
Thurmond, Jennifer, Columbus, OH, UNITED STATES
Pereira, Suzette L., Westerville, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003190733	A1	20031009
APPLICATION INFO.:	US 2003-431952	A1	20030508 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-769863, filed on 25 Jan 2001, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	STEVEN F. WEINSTOCK, ABBOTT LABORATORIES, 100 ABBOTT		

PARK ROAD, DEPT. 377/AP6A, ABBOTT PARK, IL, 60064-6008

NUMBER OF CLAIMS: 62
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 7 Drawing Page(s)
LINE COUNT: 2837
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The subject invention relates to the identification of genes involved in the desaturation of polyunsaturated **fatty acids** at carbon 5 (i.e., " Δ 5-desaturase") and at carbon 6 (i.e., " Δ 6-desaturase") and to uses thereof. In particular, Δ 5-desaturase may be utilized, for example, in the conversion of dihomogamma-linolenic acid (DGLA) to arachidonic acid (AA) and in the conversion of 20:4n-3 to eicosapentaenoic acid (EPA). Delta-6 desaturase may be used, for example, in the conversion of linoleic (LA) to gamma-linolenic acid (GLA). AA or polyunsaturated **fatty acids** produced therefrom may be added to pharmaceutical compositions, nutritional compositions, animal feeds, as well as other products such as cosmetics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2003:239365 USPATFULL
TITLE: Desaturase genes and uses thereof
INVENTOR(S): Mukerji, Pradip, Gahanna, OH, UNITED STATES
Huang, Yung-Sheng, Upper Arlington, OH, UNITED STATES
Das, Tapas, Worthington, OH, UNITED STATES
Thurmond, Jennifer, Columbus, OH, UNITED STATES
Leonard, Amanda Eun-Yeong, Columbus, OH, UNITED STATES
Pereira, Suzette L., Westerville, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003167525	A1	20030904
APPLICATION INFO.:	US 2002-54534	A1	20020122 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-769863, filed on 25 Jan 2001, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	STEVEN F. WEINSTOCK, ABBOTT LABORATORIES, 100 ABBOTT PARK ROAD, DEPT. 377/AP6A, ABBOTT PARK, IL, 60064-6008		
NUMBER OF CLAIMS:	35		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	15 Drawing Page(s)		
LINE COUNT:	4036		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The subject invention relates to the identification of genes involved in the desaturation of polyunsaturated **fatty acids** at carbon 5 (i.e., " Δ 5-desaturase") and at carbon 6 (i.e., " Δ 6-desaturase") and to uses thereof. In particular, Δ 5-desaturase may be utilized, for example, in the conversion of dihomogamma-linolenic acid (DGLA) to arachidonic acid (AA) and in the conversion of 20:4n-3 to eicosapentaenoic acid (EPA). Delta-6 desaturase may be used, for example, in the conversion of linoleic (LA) to gamma-linolenic acid (GLA). AA or polyunsaturated **fatty acids** produced therefrom may be added to pharmaceutical compositions, nutritional compositions, animal feeds, as well as other products such as cosmetics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2003:225333 USPATFULL
TITLE: Desaturase genes and uses thereof
INVENTOR(S): Mukerji, Pradip, Gahanna, OH, UNITED STATES
Huang, Yung-Sheng, Columbus, OH, UNITED STATES
Das, Tapas, Worthington, OH, UNITED STATES
Thurmond, Jennifer, Columbus, OH, UNITED STATES
Pereira, Suzette L., Westerville, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003157144	A1	20030821
	US 6635451	B2	20031021
APPLICATION INFO.:	US 2001-769863	A1	20010125 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	STEVEN F. WEINSTOCK, ABBOTT LABORATORIES, 100 ABBOTT PARK ROAD, DEPT. 377/AP6A, ABBOTT PARK, IL, 60064-6008		
NUMBER OF CLAIMS:	62		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Page(s)		
LINE COUNT:	2933		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The subject invention relates to the identification of genes involved in the desaturation of polyunsaturated **fatty acids** at carbon 5 (i.e., " **Δ 5-desaturase**") and at carbon 6 (i.e., " **Δ 6-desaturase**") and to uses thereof. In particular, **Δ 5-desaturase** may be utilized, for example, in the conversion of dihomob-**gamma**-**linolenic** acid (DGLA) to **arachidonic** acid (AA) and in the conversion of 20:4n-3 to eicosapentaenoic acid (EPA). **Delta-6 desaturase** may be used, for example, in the conversion of linoleic (LA) to **gamma**-**linolenic** acid (GLA). AA or polyunsaturated **fatty acids** produced therefrom may be added to pharmaceutical compositions, nutritional compositions, animal feeds, as well as other products such as cosmetics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 8 USPATFULL on STN

ACCESSION NUMBER: 2002:181381 USPATFULL
TITLE: Skin care composition
INVENTOR(S): Alaluf, Simon, Bedford, UNITED KINGDOM
Rawlings, Anthony Vincent, Bebington, UNITED KINGDOM
PATENT ASSIGNEE(S): Conopco, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6423325	B1	20020723
APPLICATION INFO.:	US 2000-627596		20000728 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1999-18023	19990730
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Dees, Jose G.	
ASSISTANT EXAMINER:	Lamm, Marina	
LEGAL REPRESENTATIVE:	Plotkin, Ellen	
NUMBER OF CLAIMS:	5	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	

LINE COUNT: 547
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A topical composition comprising:

(a) a first lipid selected from petroselinic acid and/or docosahexaenoic acid and/or derivatives thereof;

(b) a second lipid which is an activator of peroxisome proliferator activated receptors sub-type alpha and/or derivatives thereof and/or mixtures thereof; and

(c) a dermatologically acceptable vehicle; with the proviso that the first and second lipids are not the same lipid. The compositions are useful as cosmetic anti-ageing skin care creams and lotions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 8 USPATFULL on STN
ACCESSION NUMBER: 94:37929 USPATFULL
TITLE: Nutritional product for persons having a neurological injury
INVENTOR(S): Garleb, Keith A., Powell, OH, United States
DeMichele, Stephen J., Dublin, OH, United States
Rausch, Linda S., Blacklick, OH, United States
Fuller, Martha K., Columbus, OH, United States
Behr, Stephen R., Westerville, OH, United States
PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5308832		19940503
APPLICATION INFO.:	US 1992-920087		19920727 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schain, Howard E.		
ASSISTANT EXAMINER:	Koh, Choon		
LEGAL REPRESENTATIVE:	Drayer, Lonnie R., Nickey, Donald O.		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	985		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An enteral nutritional product for a person having a neurological injury is very low in carbohydrate, but high in fat. The fat is supplied by a lipid blend having a ratio of n-6 to n-3 **fatty acids** in the range of 1 to 6. Preferably the nutritional product contains nutrients having antioxidant properties, for example beta-carotene, vitamin E, vitamin C, taurine, molybdenum and selenium.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 8 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN
ACCESSION NUMBER: 2000:72521 EPFULL
UPDATE DATE PUBLICAT.: 20050406
DATA UPDATE DATE: 20050406
DATA UPDATE WEEK: 200514
TITLE (ENGLISH): SKIN CARE COMPOSITION
TITLE (FRENCH): COMPOSITION POUR SOINS DE LA PEAU
TITLE (GERMAN): HAUTPFLEGEMITTEL
INVENTOR(S): ALALUF, Simon, Unilever Res. Colworth, Colworth House,
Sharnbrook, Bedford Bedfordshire MK44 1LQ, GB;

RAWLINGS, Anthony Vincent, Unilever Res. Port
 Sunlight, Quarry Road East, Bebington, Wirral,
 Merseyside CH63 3JW, GB
 PATENT APPLICANT(S): UNILEVER PLC, Unilever House, Blackfriars, London EC4P
 4BQ, GB; UNILEVER N.V., (unilever nv), Weena 455,
 3013 AL Rotterdam, NL
 PATENT APPL. NUMBER: 200923; 200916
 PA DESIGNATED STATES: CY GB IE
 AGENT: Acham, Nicholas Clive, Unilever PLC Intellectual
 Property Group Patent Department Unilever Colworth,
 Sharnbrook Bedford MK44 1LQ, GB
 AGENT NUMBER: 143001
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 DOCUMENT TYPE: Patent
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	NUMBER	KIND	DATE
	EP 1200055	B1	20040512
	WO 2001008653		20010208
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT		SE
APPLICATION INFO.:	EP 2000-945907	A	20000711
	WO 2000-EP6598	A	20000711
PRIORITY INFO.:	GB 1999-18023	A	19990730
CITED NON PATENT LIT.:	DATABASE CAPLUS [Online] retrieved from STN Database accession no. 1974:454277 XP002152331; DATABASE BIOSIS [Online] BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; retrieved from STN Database accession no. 1999:239572 XP002152332		
CITED PATENT LIT.:	EP 116439	A	
	EP 304603	A	
	EP 615753	A	
	EP 640581	A	
	EP 659755	A	
	EP 709084	A	
	EP 888773	A	
	WO 2000015179	A	
	WO 9947110	A	
	FR 2648347	A	
	GB 2202146	A	

L7 ANSWER 8 OF 8 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 1998:42329 EPFULL
 DATA UPDATE DATE: 20040922
 DATA UPDATE WEEK: 200439
 TITLE (ENGLISH): METHODS AND COMPOSITIONS FOR SYNTHESIS OF LONG CHAIN
 POLYUNSATURATED **FATTY ACIDS**
 TITLE (FRENCH): PROCEDES ET COMPOSITIONS POUR LA SYNTHESE D'ACIDES GRAS
 POLYINSATURES A CHAINE LONGUE
 TITLE (GERMAN): VERFAHREN UND ZUSAMMENSETZUNGENFUEr DIE SYNTHESE VON
 LANGKETTIGEN, MEHRFACH UNGESAE TTIGTEN FETTSAE UREN
 INVENTOR(S): KNUTZON, Deborah, 6110 Rockhurst Way, Granite Bay, CA
 95746, US; MUKERJI, Pradip, 1069 Arcaro Drive, Gahanna,
 OH 43230, US; HUANG, Yung-Sheng, 2462 Danvers Court,
 Upper Arlington, OH 43220, US; THURMOND, Jennifer, 3702

Adirondack, Columbus, OH 43231, US; CHAUDHARY, Sunita, 3419 Woodbine Place, Pearland, TX 77584, US; LEONARD, Amanda, Eun-Yeong, 581 Shadewood Court, Gahanna, OH 43230, US

PATENT APPLICANT(S): Calgene LLC, 1920 Fifth Street, Davis, California 95616, US; ABBOTT LABORATORIES, 100 Abbott Park Road, Abbott Park, Illinois 60064-3500, US

PATENT APPL. NUMBER: 577573; 2132740

AGENT: Brasnett, Adrian Hugh, et al, Mewburn Ellis LLP York House 23 Kingsway, London WC2B 6HP, GB

AGENT NUMBER: 73112

LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

LANGUAGE OF PROCEDURE: English

LANGUAGE OF TITLE: German; English; French

DOCUMENT TYPE: Patent

PATENT INFO TYPE: EPB1 Granted patent

PATENT INFORMATION:

PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1007691	B1	20040922
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WO 9846765		19981022
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DESIGNATED STATES: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION INFO.: EP 1998-918175 A 19980410

WO 1998-US7422	A	19980410
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PRIORITY INFO.: US 1997-833610 A 19970411

CITED NON PATENT LIT.: COVELLO P. ET AL.: "Functional expression of the extraplastidial Arabidopsis thaliana oleate desaturase gene (FAD2) in Saccharomyces cerevisiae" PLANT PHYSIOLOGY, vol. 111, no. 1, May 1996, pages 223-226, XP002075211;

SPYCHALLA J. ET AL.: "Identification of an animal w3 fatty acid desaturase by heterologous expression in Arabidopsis" PNAS, U.S.A., vol. 94, no. 4, 18 February 1997, pages 1142-1147, XP002076628;

HILLIER L. ET AL.: "The WashU-Merck EST Project, AC W49761" EMBL DATABASE, 30 May 1996, XP002076629 Heidelberg;

NATHANS J.: "Adult human retina cDNA, AC W28140" EMBL DATABASE, 14 May 1996, XP002076630 Heidelberg;

HILLIER L. ET AL.: "The WashU-Merck EST Project, AC W67716" EMBL DATABASE, 16 June 1996, XP002076631 Heidelberg;

HILLIER L. ET AL.: "The WashU-Merck EST Project, AC H17219" EMBL DATABASE, 1 July 1995, XP002076632 Heidelberg;

HILLIER L. ET AL.: "The WashU-Merck EST Project, AC H19385" EMBL DATABASE, 7 July 1995, XP002076633 Heidelberg;

YOSHINOR. ET AL.: "AC C25549" EMBL DATABASE, 24 July 1997, XP002076634 Heidelberg;

CADENA D. ET AL.: "AC AF002668" EMBL DATABASE, 4 July 1997, XP002076635 Heidelberg;

MICHAELSON L. ET AL.: "Isolation of a delta5-fatty acid desaturase gene from Mortierella alpina" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 273, no. 30, 24 July 1998, pages 19055-19059, XP002076636

CITED PATENT LIT.: EP 561569 A

WO 9306712 A

WO 9418337 A

WO 9621022

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NEWS	17	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
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NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

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 L1 1147 (FAT BLEND)

=> s l1 and oils and lecithins and (fatty acid?)
 7 FILES SEARCHED...
 L2 0 L1 AND OILS AND LECITHINS AND (FATTY ACID?)

=> s l1 and (oils and lecithins and (fatty acid?))
 2 FILES SEARCHED...
 L3 44 L1 AND (OILS AND LECITHINS AND (FATTY ACID?))

=> s l3 and ((gamma linoleic) and stearidonic and eicosapenanoic)
 L4 0 L3 AND ((GAMMA LINOLEIC) AND STEARIDONIC AND EICOSAPENANOIC)

=> s l3 and ((gamma linoleic) and stearidonic and eicosapentanoic)
 L5 0 L3 AND ((GAMMA LINOLEIC) AND STEARIDONIC AND EICOSAPENTANOIC)

=> s l3 and arachidonic
 L6 10 L3 AND ARACHIDONIC

=> d l6 1-10 ibib abs

L6 ANSWER 1 OF 10 USPATFULL on STN
 ACCESSION NUMBER: 2004:158247 USPATFULL
 TITLE: Nutritional product with high protein, low carbohydrate
 content and good physical stability
 INVENTOR(S): Tiano, John, Venetia, PA, UNITED STATES
 Liebrecht, Jeffrey Wayne, Columbus, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004121044	A1	20040624
APPLICATION INFO.:	US 2003-679132	A1	20031003 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-809738, filed on 14 Mar 2001, ABANDONED
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Donald O. Nickey, 8765 Colvin Drive, Plain City, OH, 43064
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
LINE COUNT: 403

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to the development of a good tasting and physically stable, ready to drink (RTD) nutritional product comprising high protein and low carbohydrates that would be useful as a nutritional supplement for people on the Atkins weight loss diet.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2002:287222 USPATFULL
TITLE: Nutritional product with high protein, low carbohydrate content and good physical stability
INVENTOR(S): Tiano, John, Venetia, PA, UNITED STATES
Liebrecht, Jeffrey Wayne, Columbus, OH, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002160081	A1	20021031
APPLICATION INFO.:	US 2001-809738	A1	20010314 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Donald O. Nickey, 8765 Colvin Drive, Plain City, OH, 43064		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
LINE COUNT:	374		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to the development of a good tasting and physically stable, ready to drink (RTD) nutritional product comprising high protein and low carbohydrates that would be useful as a nutritional supplement for people on the Atkins weight loss diet.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2001:185342 USPATFULL
TITLE: Methods for reducing the incidence of necrotizing enterocolitis
INVENTOR(S): Carlson, Susan E., Kansas City, MO, United States
Ponder, Debra L., Evansville, IN, United States
Montalto, Michael B., Columbus, OH, United States
Dohnalek, Margaret H., Worthington, OH, United States
Benson, John D., Powell, OH, United States
Borrer, David A., Westerville, OH, United States
Diodato, David V., Hilliard, OH, United States
PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6306908	B1	20011023
APPLICATION INFO.:	US 2000-570299		20000512 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-943576, filed on 3 Oct 1997, now patented, Pat. No. US 6080787		

Continuation-in-part of Ser. No. US 1997-804700, filed on 21 Feb 1997, now abandoned Continuation-in-part of Ser. No. US 1997-825314, filed on 28 Mar 1997, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Spivack, Phyllis G.
LEGAL REPRESENTATIVE: Brainard, Thomas D.
NUMBER OF CLAIMS: 27
EXEMPLARY CLAIM: 1
LINE COUNT: 1044

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Enteral formulas that contain long-chain polyunsaturated **fatty acids** (PUFAs), e.g., **arachidonic acid** (AA), and docosahexaenoic acid (DHA), essentially free of cholesterol, are described for use in methods for reducing the incidence of necrotizing enterocolitis. Compositions from egg yolk lipids are preferred as they contain ω -6 and ω -3 long chain PUFAs and are predominantly in a phosphatidylcholine form. This is believed to provide a synergetic effect.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 4 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2000:80795 USPATFULL

TITLE: Methods for reducing the incidence of necrotizing enterocolitis

INVENTOR(S): Carlson, Susan E., Kansas City, MO, United States
Ponder, Debra L., Evansville, IN, United States
Montalto, Michael B., Columbus, OH, United States
Dohnalek, Margaret H., Worthington, OH, United States
Benson, John D., Powell, OH, United States
Borrer, David A., Westerville, OH, United States
Diodato, David V., Hilliard, OH, United States

PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6080787		20000627
APPLICATION INFO.:	US 1997-943576		19971003 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-804700, filed on 21 Feb 1997, now abandoned And a continuation-in-part of Ser. No. US 1997-825314, filed on 28 Mar 1997, now abandoned		

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Spivack, Phyllis G.
LEGAL REPRESENTATIVE: Brainard, Thomas D.
NUMBER OF CLAIMS: 33
EXEMPLARY CLAIM: 1
LINE COUNT: 1066

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Enteral formulas that contain long-chain polyunsaturated **fatty acids** (PUFAs), as **arachidonic acid** (AA) and docosahexaenoic acid (DHA) that are essentially free of cholesterol, are described. More particularly, the invention relates to methods for reducing the incidence of necrotizing enterocolitis by administering compositions which provide ω -6 and ω -3 long chain PUFAs, phospholipids and/or choline. Compositions from egg yolk lipids are presently preferred as they contain ω -6 and ω -3 long chain PUFAs and are predominantly in a phosphatidylcholine form. This is believed to provide a synergistic effect.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 10 USPATFULL on STN

ACCESSION NUMBER: 2000:31066 USPATFULL

TITLE: Process of making an enteral formula containing
long-chain polyunsaturated **fatty acids**

INVENTOR(S): Borrer, David A., Westerville, OH, United States
Diodato, David V., Hilliard, OH, United States
Ponder, Debra L., Morristown, NJ, United States
Dohnalek, Margaret H., Worthington, OH, United States
PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6036992		20000314
APPLICATION INFO.:	US 1999-270423		19990316 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-825314, filed on 28 Mar 1997, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Weier, Anthony J.		
LEGAL REPRESENTATIVE:	Brainard, Thomas D.		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
LINE COUNT:	832		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Enteral formulas that contain long-chain polyunsaturated **fatty acids** (PUFAs) and a process for making such enteral compositions are described. More particularly, the invention relates to enteral compositions which provide long chain PUFAs **arachidonic acid** (AA) and docosahexaenoic acid (DHA) essentially free of cholesterol and may be derived from egg yolk lipids, and thus are predominantly in a phospholipid form. The process of making such a composition provides improved organoleptic and stability properties. Enteral compositions according to this invention may be used to feed infants, particularly pre-term infants, to promote neural development and development of visual acuity, and to reduce the incidence of necrotizing enterocolitis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 10 USPATFULL on STN

ACCESSION NUMBER: 1999:37151 USPATFULL

TITLE: Nutritional composition for the treatment of
hypertriglyceridaemia and hyperchylomicronaemia

INVENTOR(S): Klor, Hans-Ulrich Bernhard, Linden, Germany, Federal Republic of
Hauenschild, Annette, Lich, Germany, Federal Republic of

PATENT ASSIGNEE(S): N.V. Nutricia, Zoetermeer, Netherlands (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5886037		19990323
APPLICATION INFO.:	US 1997-975074		19971120 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1996-203249	19961120
DOCUMENT TYPE:	Utility	

FILE SEGMENT: Granted
PRIMARY EXAMINER: Wilson, James O.
LEGAL REPRESENTATIVE: Young & Thompson
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1,16
LINE COUNT: 378

AB A nutritional composition comprising fats and optionally carbohydrates, proteins and other food constituents, in which the **fatty acids** of the fats consist of:

--55-95 weight % n-3 polyunsaturated chain **fatty acids**
caprylic acid and capric acid,

--5-25 weight % of the medium chain **fatty acids**
stearidonic acid, eicosatetraenoic acid, eicosapeataenoic acid,
docosapentaenoic acid and/or docosahexaenoic acid,

--0-30 weight % of other **fatty acids**,

is suitable for treating increased plasma lipid levels in
hypertriglyceridaemia or hyperchylomicronaemia.

L6 ANSWER 7 OF 10 USPATFULL on STN

ACCESSION NUMBER: 84:24481 USPATFULL
TITLE: Oleaginous compositions
INVENTOR(S): Roberts, Bruce A., Goshen, OH, United States
PATENT ASSIGNEE(S): The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4446165		19840501
APPLICATION INFO.:	US 1981-313063		19811019 (6)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1979-46886, filed on 8 Jun 1979, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Yoncoskie, Robert A.		
LEGAL REPRESENTATIVE:	Yetter, Jerry J., Gutttag, Eric W., Witte, Richard C.		
NUMBER OF CLAIMS:	27		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	898		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Stable emulsions characterized by pseudo-"melting" properties are comprised of an oil phase, an aqueous disperse phase, and particles containing an immobilized water-in-oil emulsion destabilizing agent. The emulsions are suitable for use as drug delivery vehicles, cosmetic ointments, and the like, and especially as foods, such as cake frosting bases, desserts ("ice cream") and bread spreads. The physical and organoleptic properties of the emulsions make them especially useful as successors to butter or margarine. In an optional mode, compositions comprising the oil phase and the destabilizing agent are provided. Such compositions interact with extrinsic water (e.g., saliva) and provide palatable, non-waxy shortenings, food spreads, and the like. When used for frying foods, or the like, the water-containing compositions herein foam slightly, and this foaming reduces both spattering and the tendency of food being cooked to undesirably adhere to the cooking utensil.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 10 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 1998:96944 EPFULL
 DATA UPDATE DATE: 20030212
 DATA UPDATE WEEK: 200307
 TITLE (ENGLISH): **FAT BLEND**
 TITLE (FRENCH): MELANGE DE CORPS GRAS
 TITLE (GERMAN): FETTMISCHUNG UND DIESELBEN ENTHALTENDES DIAETEISCHES
 ODER PHARMAZEUTISCHES MITTEL
 INVENTOR(S): SAWATZKI, Guenther, Ricarda-Huch-Strasse 13, D-35516
 Muenzenberg, DE; BOEHM, Guenther, Haselheckstrasse 1,
 D-61209 Echzell, DE; KOHN, Gerhard,
 Philipp-Franz-Strasse 12, D-55268 Nieder-Olm, DE;
 FARWER, Sandra, Gostenhofer Strasse 23, D-91056
 Erlangen, DE; KLIEM, Michael, Talblick, D-91086
 Aurachtal, DE
 PATENT APPLICANT(S): N.V. Nutricia, (Nutricia, N.V.), Eerste Stationstraat
 186, 2712 HM Zoetermeer, NL
 PATENT APPL. NUMBER: 923321
 AGENT: Koester, Hajo, Dr., Jaeger, Boeck & Koester,
 Patentanwaelte, Pippinplatz 4a, 82131 Gauting b.
 Muenchen, DE
 AGENT NUMBER: 52954
 LANGUAGE OF FILING: German
 LANGUAGE OF PUBL.: German
 LANGUAGE OF PROCEDURE: German
 LANGUAGE OF TITLE: German; English; French
 DOCUMENT TYPE: Patent
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:
 PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 1041896	B1	20020220
WO 9933355		19990708
DESIGNATED STATES:	AT BE CH DE DK ES FR GB IE IT LI NL SE	
APPLICATION INFO.:	EP 1998-966662	A 19981222
	WO 1998-EP8409	A 19981222
PRIORITY INFO.:	DE 1997-19757414	A 19971223
CITED PATENT LIT.:	EP 615753	A
	EP 682878	A
	EP 756827	A
	EP 764405	A
	DE 3924607	A
	US 5223285	A

L6 ANSWER 9 OF 10 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 1998:25189 EPFULL
 UPDATE DATE PUBLICAT.: 20050323
 DATA UPDATE DATE: 20050323
 DATA UPDATE WEEK: 200512
 TITLE (ENGLISH): **USE OF POLYUNSATURATED FATTY ACIDS**
 FOR REDUCING THE INCIDENCE OF NECROTIZING ENTEROCOLITIS
 TITLE (FRENCH): PROCEDE ET COMPOSITIONS SERVANT A LIMITER LA FREQUENCE
 DE L'ENTEROCOLITE NECROSANTE DU NOUVEAU-NE
 TITLE (GERMAN): VERWENDUNG VON MEHRFACH UNGESAE TTIGTEN FETTS Ae UREN ZUR
 VORBEUGUNG VON NEKROTIZIERENDER ENTEROKOLITIS
 INVENTOR(S): CARLSON, Susan, E., 4501 Holmes Road, Kansas City, MO
 64110, US; PONDER, Debra, L., 22 Olmstead Road,
 Morriston, NJ 07960, US; MONTALTO, Michael, B., 4001
 Fenwick Road, Columbus, OH 43220, US; DOHNALEK,

Margaret, H., 1483 Buck Trail Lane, Worthington, OH 43085, US; BENSON, John, D., 10583 Wellington, Powell, OH 43065, US; BORROR, David, A., 6001 Sunlawn Drive, Westerville, OH 43081-3175, US; DIODATO, David, V., 8567 Scioto-Darby Creek Road, Hilliard, OH 43026, US

PATENT APPLICANT(S): Abbott Laboratories, Chad 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, Illinois 60064-3500, US; UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, (TENNESSEE RESEARCH FOUNDATION, UNIVERSITY OF), 1534 White Avenue, Knoxville, TN 37996, US

PATENT APPL. NUMBER: 225075; 345015

AGENT: Modiano, Guido, Dr.-Ing., et al, Modiano, Josif, Pisanty & Staub, Baaderstrasse 3, 80469 Muenchen, DE 40786

AGENT NUMBER:

LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

LANGUAGE OF PROCEDURE: English

LANGUAGE OF TITLE: German; English; French

DOCUMENT TYPE: Patent

PATENT INFO TYPE: EPB1 Granted patent

PATENT INFORMATION:

	NUMBER	KIND	DATE
	NUMBER	KIND	DATE
	EP 1039892	B1	20040428
	WO 9836745		19980827
DESIGNATED STATES:	AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE		
APPLICATION INFO.:	EP 1998-906580	A	19980219
	WO 1998-US3235	A	19980219
PRIORITY INFO.:	US 1997-804700	A	19970221
	US 1997-825314	A	19970328
	US 1997-943576	A	19971003
CITED NON PATENT LIT.:	M. DI LORENZO ET AL.: "Use of L-arginine in the treatment of experimental necrotizing enterocolitis" J. PEDIATR. SURG., vol. 30, no. 2, 1995, pages 235-241, XP002066296;		
	R.H.T. VAN BEEK ET AL: "nutrition in the neonate." CURR. OPIN. PEDIATR., vol. 7, no. 2, 1995, pages 146-151, XP002066297		
CITED PATENT LIT.:	EP 395865	A	
	EP 615694	A	
	WO 9320717	A	
	WO 9600016	A	
	US 4918063	A	

L6 ANSWER 10 OF 10 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 1996:57521 EPFULL

DATA UPDATE DATE: 20030723

DATA UPDATE WEEK: 200330

TITLE (ENGLISH): Nutritional composition comprising fats for the treatment of the metabolic syndrome

TITLE (FRENCH): Composition nutritionnelle comprenant des corps gras pour le traitement du syndrome metabolique

TITLE (GERMAN): Fette enthaltende Ernaehrungszusammensetzung zur Behandlung des Stoffwechselssyndroms

INVENTOR(S): Kloer, Hans-Ulrich Bernhard, Erfurter Strasse 1, 35440 Linden, DE; Hauenschild, Annette, Hof Guell 3, 35423 Lich, DE

PATENT APPLICANT(S): N.V. Nutricia, (Nutricia, N.V.), Postbus 1, 2700 MA Zoetermeer, NL

PATENT APPL. NUMBER: 923322
 AGENT: van Westenbrugge, Andre, et al, Nederlandsch
 Octrooibureau P.O. Box 29720, 2502 LS The Hague, NL
 AGENT NUMBER: 62593
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 LANGUAGE OF PROCEDURE: English
 LANGUAGE OF TITLE: German; English; French
 DOCUMENT TYPE: Patent
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE
	EP 843972	B1	20020731
DESIGNATED STATES:	AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE		
APPLICATION INFO.:	EP 1996-203249	A	19961120
PRIORITY INFO.:	EP 1996-203249	A	19961120 *
CITED PATENT LIT.:	EP 311091	A	
	EP 484266	A	
	EP 687418	A	
	DE 3721137	A	
	DE 19503993	A	
	DE 4417851	C	
	US 5444054	A	

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(FILE 'HOME' ENTERED AT 15:21:42 ON 26 APR 2005)

FILE 'CAPLUS, USPATFULL, JAPIO, EPFULL, MEDLINE, BIOSIS, EMBASE,
 SCISEARCH' ENTERED AT 15:22:07 ON 26 APR 2005

L1 1147 S (FAT BLEND)
 L2 0 S L1 AND OILS AND LECITHINS AND (FATTY ACID?)
 L3 44 S L1 AND (OILS AND LECITHINS AND (FATTY ACID?))
 L4 0 S L3 AND ((GAMMA LINOLEIC) AND STEARIDONIC AND EICOSAPENANOIC)
 L5 0 S L3 AND ((GAMMA LINOLEIC) AND STEARIDONIC AND EICOSAPENTANOIC)
 L6 10 S L3 AND ARACHIDONIC

=> s 16 and eicosapentanoic

L7 0 L6 AND EICOSAPENTANOIC

=> s 17 and stearidonic

L8 0 L7 AND STEARIDONIC

=> s 16 and stearidonic

L9 3 L6 AND STEARIDONIC

=> s 16 and (gamma linoleic)

L10 0 L6 AND (GAMMA LINOLEIC)

=> d 19 1-3 ibib abs

L9 ANSWER 1 OF 3 USPATFULL on STN

ACCESSION NUMBER: 1999:37151 USPATFULL

TITLE: Nutritional composition for the treatment of
 hypertriglyceridaemia and hyperchylomicronaemia

INVENTOR(S): Klor, Hans-Ulrich Bernhard, Linden, Germany, Federal
 Republic of
 Hauenschild, Annette, Lich, Germany, Federal Republic
 of

PATENT ASSIGNEE(S): N.V. Nutricia, Zoetermeer, Netherlands (non-U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5886037		19990323
APPLICATION INFO.:	US 1997-975074		19971120 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1996-203249	19961120
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Wilson, James O.	
LEGAL REPRESENTATIVE:	Young & Thompson	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1,16	
LINE COUNT:	378	

AB A nutritional composition comprising fats and optionally carbohydrates, proteins and other food constituents, in which the **fatty acids** of the fats consist of:

--55-95 weight % n-3 polyunsaturated chain **fatty acids**
caprylic acid and capric acid,

--5-25 weight % of the medium chain **fatty acids**
stearidonic acid, eicosatetraenoic acid, eicosapeataenoic acid,
docosapentaenoic acid and/or docosaheaxaenoic acid,

--0-30 weight % of other **fatty acids**,

is suitable for treating increased plasma lipid levels in
hypertriglyceridaemia or hyperchylomicronaemia.

L9 ANSWER 2 OF 3 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 1998:96944 EPFULL
 DATA UPDATE DATE: 20030212
 DATA UPDATE WEEK: 200307
 TITLE (ENGLISH): **FAT BLEND**
 TITLE (FRENCH): MELANGE DE CORPS GRAS
 TITLE (GERMAN): FETTMISCHUNG UND DIESELBEN ENTHALTENDES DIAETEISCHES
 ODER PHARMAZEUTISCHES MITTEL
 INVENTOR(S): SAWATZKI, Guenther, Ricarda-Huch-Strasse 13, D-35516
 Muenzenberg, DE; BOEHM, Guenther, Haselheckstrasse 1,
 D-61209 Echzell, DE; KOHN, Gerhard,
 Philipp-Franz-Strasse 12, D-55268 Nieder-Olm, DE;
 FARWER, Sandra, Gostenhofer Strasse 23, D-91056
 Erlangen, DE; KLIEM, Michael, Talblick, D-91086
 Aurachtal, DE
 PATENT APPLICANT(S): N.V. Nutricia, (Nutricia, N.V.), Eerste Stationstraat
 186, 2712 HM Zoetermeer, NL
 PATENT APPL. NUMBER: 923321
 AGENT: Koester, Hajo, Dr., Jaeger, Boeck & Koester,
 Patentanwaelte, Pippinplatz 4a, 82131 Gauting b.
 Muenchen, DE
 AGENT NUMBER: 52954
 LANGUAGE OF FILING: German
 LANGUAGE OF PUBL.: German
 LANGUAGE OF PROCEDURE: German
 LANGUAGE OF TITLE: German; English; French
 DOCUMENT TYPE: Patent
 PATENT INFO TYPE: EPB1 Granted patent
 PATENT INFORMATION:

PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE

EP 1041896	B1	20020220
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WO 9933355		19990708
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DESIGNATED STATES: AT BE CH DE DK ES FR GB IE IT LI NL SE

APPLICATION INFO.: EP 1998-966662 A 19981222

WO 1998-EP8409 A 19981222

PRIORITY INFO.: DE 1997-19757414 A 19971223

CITED PATENT LIT.: EP 615753 A

EP 682878 A

EP 756827 A

EP 764405 A

DE 3924607 A

US 5223285 A

L9 ANSWER 3 OF 3 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

ACCESSION NUMBER: 1996:57521 EPFULL

DATA UPDATE DATE: 20030723

DATA UPDATE WEEK: 200330

TITLE (ENGLISH): Nutritional composition comprising fats for the treatment of the metabolic syndrome

TITLE (FRENCH): Composition nutritionnelle comprenant des corps gras pour le traitement du syndrome metabolique

TITLE (GERMAN): Fette enthaltende Ernaehrungszusammensetzung zur Behandlung des Stoffwechselssyndroms

INVENTOR(S): Kloer, Hans-Ulrich Bernhard, Erfurter Strasse 1, 35440 Linden, DE; Hauenschild, Annette, Hof Guell 3, 35423 Lich, DE

PATENT APPLICANT(S): N.V. Nutricia, (Nutricia, N.V.), Postbus 1, 2700 MA Zoetermeer, NL

PATENT APPL. NUMBER: 923322

AGENT: van Westenbrugge, Andre, et al, Nederlandsch Octrooibureau P.O. Box 29720, 2502 LS The Hague, NL

AGENT NUMBER: 62593

LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: English

LANGUAGE OF PROCEDURE: English

LANGUAGE OF TITLE: German; English; French

DOCUMENT TYPE: Patent

PATENT INFO TYPE: EPB1 Granted patent

PATENT INFORMATION:

NUMBER	KIND	DATE
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EP 843972	B1	20020731
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DESIGNATED STATES: AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

APPLICATION INFO.: EP 1996-203249 A 19961120

PRIORITY INFO.: EP 1996-203249 A 19961120 *

CITED PATENT LIT.: EP 311091 A

EP 484266 A

EP 687418 A

DE 3721137 A

DE 19503993 A

DE 4417851 C

US 5444054 A

=> FIL STNGUIDE
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

95.98

96.19

FILE 'STNGUIDE' ENTERED AT 15:36:59 ON 26 APR 2005
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COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Apr 22, 2005 (20050422/UP).

arachidonic acid

5,8,11,14-eicosatetraenoic acid

CAS: 506-32-1

$\text{CH}_3(\text{CH}_2)_4(\text{CH}:\text{CHCH}_2)_4(\text{CH}_2)_2\text{COOH}$.

A C_{20} unsaturated fatty acid. Combustible. An essential fatty acid.

Source: Liver, brain, glandular organs; also made synthetically.

Use: Biochemical research, source of prostaglandins and other pharmacologically active compounds.

See eicosanoid.

Hawley's Condensed Chemical Dictionary, 14th Edition
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eicosanoid

Any of a number of biochemically active compounds resulting from enzymic oxidation of arachidonic acid, e.g., prostaglandins, thromboxanes, prostacyclin, and leukotrienes. As a group, they compose what is known as the arachidonic acid cascade. They have many pharmacological and medical possibilities.

See prostaglandin; arachidonic acid.

Hawley's Condensed Chemical Dictionary, 14th Edition
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